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(12)

## **EUROPEAN PATENT APPLICATION**

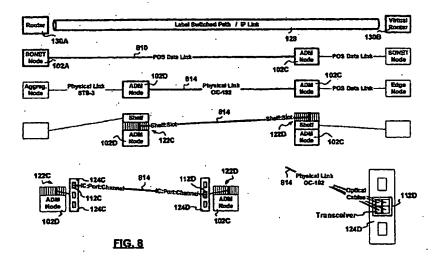
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- (30) Priority: 19.12.2001 US 21505
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## (54)Management of OSI layer-3 data network entities

An improved network management system and (57)novel management solutions are provided for OSI Layer-3 data network managed entities such as data transport paths and routers are provided. The management solution provides for a concise and progressively detailed presentation of connectivity information related to OSI Layer-3 data network entitles to expose OSI Layer2 and -1 provisioning equipment. Methods are provided for zeroing onto failed equipment using the progressively detailed presentation of connectivity information. Methods are further provided for interaction with OSI Layer-3 managed data transport entities to specify operating parameters. The advantages derived include an improved efficiency in the management, and troubleshooting thereof.



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## EUROPEAN SEARCH REPORT

Application Number EP 02 29 3094

Category	OCUMENTS CONSIDERED TO BE RELEVANT Citation of document with indication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL7)	
X	### column 2, line 42 - line 47 *  * column 25, line 41 - line 47 *  * column 26, line 29 - line 29 *	1-12	H04L12/24	
			TECHNICAL FIELDS SEARCHED (Int.CL7)	
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-	The present search report has been drawn up for all claims	1,	Examiner	
3	7 A	1	Bermudez, M.D.	
X:p	CATEGORY OF CITED DOCUMENTS  T: theory or print E: earlier patent articularly relevant if taken alone articularly relevant if combined with another comment of the same category  L: document cit	ciple underlying the document, but put date and in the applicable ad for other reason	e invention bished on, or on	

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## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 29 3094

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-10-2003

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